#### Date of issue: 29.07.2022

# SAFETY DATA SHEET by regulation (EC) No 1907/2006 REACH

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Room Spray 2-in-1

| 1   | Product identifier                                       |   |   |  |  |  |
|-----|--|---|---|--|--|--|
|     | Name:  | Room Sp   | pray 2-in-1   |  |  |  |
|     | UFI:   | 3300-W0   | XH-X00C-GW0T  |  |  |  |
|     | CAS number:  | not applic  | cable   |  |  |  |
|     | Registration number:                                     | not applicable  |   |  |  |  |
| .2  |  |   | nce or mixture and uses advised against                             |  |  |  |
|     | Identified uses:   | Air Fresh   | -   |  |  |  |
|     | Uses advised against:                                    |   | roduct only according to the identified uses.                       |  |  |  |
| .3  | Details of the supplier of th                            |   |   |  |  |  |
|     | Supplier:  | Humdaki   |   |  |  |  |
|     | Adress:  |   | 1, 8380 Trige, Denmark  |  |  |  |
|     | Telehone:  | +45 6014  |   |  |  |  |
|     | Email:   |   | ndakin.com  |  |  |  |
|     |  |   |   |  |  |  |
| .4  | Emergency telephone nur                                  | nher  |   |  |  |  |
| • • | J  |   |   |  |  |  |
|     | Call your national emergen<br>Universal emergency telepl |   | · EU- 112   |  |  |  |
|     |  |   | . E0. 112   |  |  |  |
|     | TION 2: Hazards identif                                  |   |   |  |  |  |
| .1  | Classification of the subst                              |   |   |  |  |  |
|     | Classification 1272/2008 C                               | LP:   | The mixture is classified as dangerous                              |  |  |  |
|     |  |   | Eye Irrit. 2, H319  |  |  |  |
|     |  |   | Aquatic Chronic 3, H412   |  |  |  |
|     | Dangerous health effects:                                |   | Causes serious eye irritation.                                      |  |  |  |
|     | Dangerous effects on the er                              |   | Harmful to aquatic life with long lasting effects.                  |  |  |  |
| _   | Dangerous physical-chemic                                | cal effects:  | Not classified.   |  |  |  |
| 2.2 | Label elements   |   |   |  |  |  |
|     | Contains:  | Isopropyl a   | lcohol; Alcohols C12-14, ethoxylated (>2-5EO)                       |  |  |  |
|     | Hazard pictogram:  | (!  |   |  |  |  |
|     | Signal word:   | Warning   |   |  |  |  |
|     | Hazard statement:  |   | es serious eye irritation.  |  |  |  |
|     | Hazaru statement.  |   | nful to aquatic life with long lasting effects.                     |  |  |  |
|     |  |   | out of reach of children.   |  |  |  |
|     |  |   | hand thoroughly after handling.                                     |  |  |  |
|     |  |   | 1+P338 IF IN EYES: Rinse cautiously with water for several minutes. |  |  |  |
|     | Precautionary statements:                                |   | ntact lenses, if present and easy to do. Continue rinsing.          |  |  |  |
|     | 5  | P337+P313 If eye irritation persists: Get medical advice/attention.                           |   |  |  |  |
|     |  |   | d release to the environment.                                       |  |  |  |
|     |  | P501 Dispose of contents/container to in accordance with the Waste Act and local regulations. |   |  |  |  |
| .3  | Other hazards  | regulations   | •   |  |  |  |
|     | The mixture is not assessed                              | as PBT or y   | /PvB  |  |  |  |
| T   |  |   |   |  |  |  |
|     | TION 3: Composition/in                                   | ormation  | on ingredients  |  |  |  |
| 1   | Substances   |   |   |  |  |  |
| .1  | Not applicable   |   |   |  |  |  |

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| ** *     |   |
|----------|---|
| Version: | 1 |

|  | 1  |             |  |
|--|--|-------------|--|
| Substance identifier                                       | CAS number<br>EC number<br>Index number<br>Registration number     | Content (%) | Classification 1272/2008   |
| Water  | 7732-18-5<br>-<br>-  | 61,4        | The substance is not classified as dangerous   |
| Sorbitan monooleate, ethoxylated                           | 9005-65-6<br>500-019-9<br>-<br>-                                   | 24          | Aquatic Chronic 3, H412  |
| Isopropyl alcohol  | 67-63-0<br>200-661-7<br>603-117-00-0<br>01-2119457558-25           | 4,5         | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  |
| Alcohols C12-14, ethoxylated (>2-5EO)                      | 68439-50-9<br>931-014-3<br>-<br>-                                  | < 0,92      | Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=1)  |
| Cetrimonium chloride                                       | 112-02-7<br>203-928-6<br>-<br>01-2119970558-23-<br>0000            | < 0,27      | Acute Tox, 4, H302<br>Eye Dam. 1, H318<br>Skin Corr. 1C, H314<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=1) |
| 4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-<br>3-ene-2-one | 127-41-3<br>204-841-6<br>-   | < 0,2       | Aquatic Chronic 2, H411  |
| (Z)-3-hexenyl salicylate                                   | 65405-77-8<br>265-745-8<br>-<br>-                                  | < 0,2       | Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1)   |
| 2-fenoxyethan-1-ol   | 122-99-6<br>204-589-7<br>603-098-00-9<br>01-2119488943-21-<br>0000 | ≤ 0,1       | Acute Tox. 4, H302<br>Eye Dam. 1, H318<br>STOT SE 3, H335  |
| β-methyl-3-(1-methylethyl)-<br>benzenepropanal             | 125109-85-5<br>412-050-4<br>605-028-00-2                           | < 0,08      | Aquatic Chronic 2, H411  |
| Piperonal  | 120-57-0<br>204-409-7<br>-   | < 0,08      | Skin Sens. 1, H317   |
| 3-p-cumenyl-2-methylpropionaldehyde                        | 103-95-7<br>203-161-7<br>-   | < 0,08      | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412   |
| Nerol  | 106-25-2<br>203-378-7<br>-   | < 0,08      | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Irrit. 2, H319  |
| Dodecan-1-ol   | 112-53-8<br>203-982-0<br>-<br>-                                    | < 0,08      | Eye Irrit. 2, H319<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411   |

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|---|---------------------------------------|----------|--|-----|--|
| Methyl N-methylanthranilate                 | 85-91-6<br>201-642-6<br>-             | < 0,08   | Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412                                  |     |  |
| Neryl acetate                               | 141-12-8<br>205-459-2<br>-            | < 0,08   | Skin Sens. 1B, H317  |     |  |
| Undecan-4-olide                             | 104-67-6<br>203-225-4<br>-            | < 0,08   | Aquatic Chronic 3, H412  |     |  |
| Anisaldehyde                                | 123-11-5<br>204-602-6<br>-            | < 0,08   | Aquatic Chronic 3, H412  |     |  |
| Allyl (cyclohexyloxy)acetate                | 68901-15-5<br>272-657-3<br>-          | < 0,08   | Acute Tox. 4, H302<br>Aquatic Acute 1, H400 (M=1<br>Aquatic Chronic 1, H410 (M |     |  |
| 3-methyl-5-phenylpentanol                   | 55066-48-3<br>259-461-3<br>-          | < 0,08   | Acute Tox. 4, H302<br>STOT RE 2, H373  |     |  |
| 3,7-dimethyloctan-3-ol                      | 78-69-3<br>201-133-9<br>-             | < 0,08   | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Eye Irrit. 2, H319               |     |  |
| Pentadecan-15-olide                         | 106-02-5<br>203-354-6<br>-            | < 0,08   | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                 |     |  |
| $\alpha, \alpha$ -dimethylphenethyl acetate | 151-05-3<br>205-781-3<br>-            | < 0,08   | Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412                                 |     |  |
| isopentyl acetate                           | 123-92-2<br>204-662-3<br>607-130-00-2 | < 0,08   | Flam. Liq. 3, H226 EUH   | 066 |  |
| Benzophenone                                | 119-61-9<br>204-337-6<br>-<br>-       | < 0,08   | STOT RE 2, H373<br>Aquatic Chronic 3, H412                                     |     |  |
| Acetofenon                                  | 98-86-2<br>202-708-7<br>606-042-00-1  | < 0,08   | Acute Tox. 4, H302<br>Eye Irrit. 2, H319                                       |     |  |
| <i>n</i> -butyl acetate                     | 123-86-4     204-658-1     < 0,008    |          | H066   |     |  |
| Ethanol                                     | 64-17-5<br>200-578-6<br>603-002-00-5  | < 0,0001 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319                                       |     |  |
| The full text for all H statements is gi    | ven in Chapter 16                     | I        | 1  |     |  |

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| SEC | CTION 4: First aid                       | measures          |                   |                 |                  |                   |  |                 |
|-----|--|-------------------|-------------------|-----------------|------------------|-------------------|--|-----------------|
| 4.1 | Description of first                     | aid measures      |                   |                 |                  |                   |  |                 |
|     | If you do not feel w                     |                   | e or if the prol  | nlem nersists   | seek medical     | l attention If    | unconscious                                    | nlace in        |
|     | recovery position a                      |                   |                   | Jem persists    | , seek medical   | attention. II     | unconscious                                    | s, place in     |
|     | ~ 1                                      | victim to fresh   |                   | and warm        | eek medical a    | attention if pr   | oblems occu                                    | r               |
|     |  | h affected skin w |                   |                 |                  |                   |  | 1.              |
|     |  | ediately flush or |                   |                 |                  |                   |  | wer lids If the |
|     | victi                                    | m wears contact   | lenses, remov     | e them imme     | diately. If pro  | blems persist     | t, seek medio                                  | cal attention.  |
|     |  | ot induce vomit   |                   |                 |                  | e of problems     | s, consult a c                                 | loctor.         |
| 4.2 | Most important sy                        |                   | ects, both acu    | ite and delay   | yed              |                   |  |                 |
|     | Information is not a                     |                   |                   |                 |                  |                   |  |                 |
| 4.3 | Indication of any i                      |                   |                   |                 | reatment nee     | eded              |  |                 |
|     | Special funds are no                     | ot intended. Trea | tment is symp     | tomatic.        |                  |                   |  |                 |
| SEC | CTION 5: Firefight                       | ting measures     |                   |                 |                  |                   |  |                 |
| 5.1 | Extinguishing med                        | ia                |                   |                 |                  |                   |  |                 |
|     | Suitable extinguishi                     |                   | O2, extinguis     | hing powder.    | alcohol-resist   | tant extinguis    | hing foam.                                     | water mist      |
|     | Unsuitable extingui                      |                   | ull stream of v   |                 |                  |                   | <i>6</i> • • • • • • • • • • • • • • • • • • • |                 |
| 5.2 | Special hazards ar                       |                   |                   |                 |                  |                   |  |                 |
|     | In case of fire, carb                    |                   |                   |                 | c gases mav h    | be produced.      |  |                 |
| 5.3 | Advice for firefigh                      |                   |                   |                 | - 8              | - <b>F</b>        |  |                 |
|     | Complete protectiv                       |                   | r firefighters.   | Cool endan      | gered contair    | ners with wa      | ter. from a                                    | safe distance.  |
|     | Collect contaminate                      |                   |                   |                 |                  |                   |  |                 |
| SEC | CTION 6: Acciden                         | <b>U</b>          |                   | <u></u>         |                  |                   |  |                 |
| 6.1 |  |                   |                   | domongonor      | nnaadunaa        |                   |  |                 |
| 0.1 | Personal precautio                       |                   |                   |                 |                  | 1                 | ·1. 1 ·  | 1               |
|     | If there is no dange                     |                   |                   |                 |                  |                   |  |                 |
|     | clothing. Use perso                      |                   |                   | oint 8). Obse   | erve the rules   | and regulat       | ions of wor                                    | k safety when   |
| ()  | working with chem                        |                   | •                 |                 |                  |                   |  |                 |
| 6.2 | Environmental pro                        |                   | 1 /               | • .             |                  | c                 | 1  | 1 /             |
|     | In case of accidenta                     |                   |                   |                 |                  |                   | ce and groun                                   | d water.        |
| ()  | Inform respective a                      |                   |                   |                 | se or sewage     | system.           |  |                 |
| 6.3 | Methods and mate<br>Collect the leaked r |                   |                   |                 |                  | 41                | himden) Cter                                   |                 |
|     |  | 0                 |                   |                 |                  |                   | ,  |                 |
| 61  | material in a suitabl                    |                   | lave it dispose   | ed of by a spe  | cranzed comp     | bany in accord    |  | ne waste Act.   |
| 6.4 | Reference to other                       | sections          |                   |                 |                  |                   |  |                 |
|     | Section 8 and 13.                        |                   |                   |                 |                  |                   |  |                 |
| SEC | CTION 7: Handlin                         | g and storage     |                   |                 |                  |                   |  |                 |
| 7.1 | Precautions for safe handling            |                   |                   |                 |                  |                   |  |                 |
|     | Use personal protect                     |                   |                   |                 |                  |                   |  |                 |
|     | while using the pro-                     |                   |                   |                 | from source      | s of ignition ໍ   | and open flar                                  | nes.            |
| 7.2 | Conditions for safe                      |                   |                   |                 |                  |                   |  |                 |
|     | Store in the original                    |                   |                   |                 |                  |                   |  |                 |
|     | sunlight. Do not eat                     | , drink or smoke  | in places whe     | ere the produce | et is stored and | d used. Do no     | ot store toget                                 | her with food,  |
|     | drinks and feed.                         |                   |                   |                 |                  |                   |  |                 |
| 7.3 | Specific end use(s)                      |                   |                   |                 |                  |                   |  |                 |
|     | Information is not a                     | vailable          |                   |                 |                  |                   |  |                 |
| SEC | CTION 8: Exposur                         | e controls/per    | sonal protec      | tion            |                  |                   |  |                 |
| 8.1 | Control parameter                        | 5                 |                   |                 |                  |                   |  |                 |
|     | No available data.                       |                   |                   |                 |                  |                   |  |                 |
|     | Limity expozice na                       | pracovišti (EU)   |                   |                 |                  |                   |  |                 |
|     |  |                   | Dla               | ouhodobá exp    | ozice            | Krá               | tkodobá exp                                    | ozice           |
|     | Látka                                    | CAS               | mg/m <sup>3</sup> | ppm             | f/ml             | mg/m <sup>3</sup> | ppm  | f/ml            |
|     | isopentyl-acetát                         | 123-92-2          | 270               | 50              | -                | 540               | 100  | -               |
|     | n-butyl-acetát                           | 123-86-4          | 241               | 50              | _                | 723               | 150  | _               |
|     | ii catyi acetat                          | 125 00 4          |                   | 50              | I                | , 25              | 100  |                 |

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protection of workers.

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| Worker                          | dermal          |             | 20,83 mg/kg/d            | Chronic            | Systemic effect                 |
|---------------------------------|-----------------|-------------|--------------------------|--------------------|---------------------------------|
| Worker                          | inhal           |             | 8,07 mg/m3               | Chronic            | Systemic effect                 |
| Consumer                        | dermal          |             | 10,42 mg/kg/d            | Chronic            | Systemic effect                 |
| Consumer                        | r Inhal         |             | 2,41 mg/m3               | Chronic            | Systemic effect                 |
| Consumer oral                   |                 |             | 9,23 mg/kg/d             | Chronic            | Systemic effect                 |
|                                 | .11 . 1 . 1     |             |                          |                    |                                 |
| DNEL Isopropyl-                 |                 |             | 000                      | Chanania           | Constantia offered              |
| Worker                          | dermal<br>inhal |             | 888 mg/kg/d              | Chronic<br>Chronic | Systemic effect                 |
| Worker                          |                 |             | 500 mg/m3<br>319 mg/kg/d |                    | Systemic effect                 |
| Consumer                        | dermal<br>inhal |             | 89 mg/m3                 | Chronic<br>Chronic | Systemic effect Systemic effect |
| Consumer<br>Consumer            | oral            |             | 26 mg/kg/d               | Chronic            | Systemic effect                 |
|                                 |                 |             |                          | Childhie           | Systemic crice                  |
| DNEL Alcohols C                 |                 | ted (>2-5E  |                          |                    |                                 |
| Worker                          | dermal          |             | 2080 mg/kg/d             | Chronic            | Systemic effect                 |
| Worker                          | inhal           |             | 294 mg/m3                | Chronic            | Systemic effect                 |
| Consumer                        | dermal          |             | 1250 mg/kg/d             | Chronic            | Systemic effect                 |
| Consumer                        | inhal           |             | 87 mg/m3                 | Chronic            | Systemic effect                 |
| Consumer                        | oral            |             | 25 mg/kg/d               | Chronic            | Systemic effect                 |
| PNEC 2-fenoxyet<br>Fresh water  | han-1-ol:       | 0,943 n     | ng/l                     |                    |                                 |
| Occasional leaka                | ge              | 3,44 m      |                          |                    |                                 |
| Freshwater sedir                | 0               | 7,237 r     |                          |                    |                                 |
| Soil                            |                 | 1,26 m      |                          |                    |                                 |
| Wastewater treat                | ment plant      | 24,8 m      |                          |                    |                                 |
| Marine water                    |                 | 0,094 n     |                          |                    |                                 |
| Marine sediment                 |                 | 0,724 n     | U                        |                    |                                 |
|                                 |                 |             |                          |                    |                                 |
| PNEC Isopropyl-a<br>Fresh water | ilkohol:        | 141 mg      | r/]                      |                    |                                 |
| Secondary poiso                 | ning            | 160 mg      | ·                        |                    |                                 |
| Freshwater sedir                |                 | 552 mg      |                          |                    |                                 |
| Soil                            | liont           | 28 mg/      |                          |                    |                                 |
| Wastewater treat                | ment plant      | 2251 m      |                          |                    |                                 |
| Marine water                    |                 | 141 mg      | 2                        |                    |                                 |
| Marine sediment                 |                 | 552 mg      |                          |                    |                                 |
| PNEC Cetrimoniu                 | m chlorida:     |             |                          |                    |                                 |
| Fresh water                     |                 | 0,42 m      | g/l                      |                    |                                 |
| Occasional leaka                | ige             | 0,12 m      |                          |                    |                                 |
| Freshwater sedir                |                 | 68 mg/      |                          |                    |                                 |
| Soil                            |                 | 1,66 m      |                          |                    |                                 |
| Wastewater treat                | ment plant      | 0,4 mg      | /1                       |                    |                                 |
| Marine water                    |                 | 0,042 r     |                          |                    |                                 |
| Marine sediment                 |                 | 6,8 mg      | /kg                      |                    |                                 |
|                                 |                 |             |                          |                    |                                 |
| Exposure control                | s               |             |                          |                    |                                 |
|                                 |                 | ersonal pro | otective equipment. (    | Contaminated work  | clothing can be reused a        |
|                                 |                 |             |                          |                    | vater. Do not eat, drink        |

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|------|------------------------------|-----------------------------------|---|-------------------------|--|--|--|
| I    | Individual unstastion m      | anne and as possed and            | active acritement   |                         |  |  |  |
|      |                              | easures, such as personal prot    |   |                         |  |  |  |
|      | Respiratory protection:      | respiratory protection            | use. If limit values are exceeded                           | 1 in the workplace, use |  |  |  |
|      | Eye protection:              | Wear safety goggles               |   |                         |  |  |  |
|      | Hand protection:             |                                   | afety gloves. Follow the recommendations of the specific gl |                         |  |  |  |
|      |                              |                                   | cness, material and permeability                            | <u>'-</u>               |  |  |  |
|      | Skin protection:             | Protective work clothing          |   |                         |  |  |  |
|      | Environmental exposure       |                                   |   |                         |  |  |  |
|      | Prevent release to the soil  | l and water.                      |   |                         |  |  |  |
| SEC  | TION 9: Physical and         |                                   |   |                         |  |  |  |
| 9.1  | Information on basic p       | hysical and chemical propert      |   |                         |  |  |  |
|      | Appearance:                  |                                   | Liquid  |                         |  |  |  |
|      | Color:                       |                                   | transparent   |                         |  |  |  |
|      | Odour:                       |                                   | Parfum  |                         |  |  |  |
|      | pH:                          |                                   | 5-7   |                         |  |  |  |
|      | Melting / freezing point     | (°C):                             | Information is not available                                |                         |  |  |  |
|      | Boilling point (°C):         |                                   | Information is not available                                |                         |  |  |  |
|      | Flash point (°C):            |                                   | Information is not available                                |                         |  |  |  |
|      | Flammability:                |                                   | Information is not available                                |                         |  |  |  |
|      | Limits of explosiveness      | or flammability: upper:           | Information is not available                                |                         |  |  |  |
|      |                              | lower:                            | Information is not available                                |                         |  |  |  |
|      | Vapour pressure              |                                   | Information is not available                                |                         |  |  |  |
|      | Vapour density               |                                   | Information is not available                                |                         |  |  |  |
|      | Density                      |                                   | Information is not available                                |                         |  |  |  |
|      | Solubility in water          |                                   | Information is not available                                |                         |  |  |  |
|      | N-octanol/water division     | ratio:                            | Information is not available                                |                         |  |  |  |
|      | Autoignition point:          |                                   | Information is not available                                |                         |  |  |  |
|      | Breakdown point:             |                                   | Information is not available                                |                         |  |  |  |
|      | Viscosity                    |                                   | Information is not available                                |                         |  |  |  |
|      | Particle characteristics:    |                                   | Information is not available                                |                         |  |  |  |
| 9.2  | Other information            |                                   |   |                         |  |  |  |
|      | Information is not availa    | ble                               |   |                         |  |  |  |
| SEC  | TION 10: Stability an        | d reactivity                      |   |                         |  |  |  |
| 10.1 | Reactivity                   | -                                 |   |                         |  |  |  |
|      |                              | ve under normal conditions.       |   |                         |  |  |  |
| 10.2 | Chemical stability           |                                   |   |                         |  |  |  |
|      | The product is stable und    | er normal conditions.             |   |                         |  |  |  |
| 10.3 | Possibility of hazardous     |                                   |   |                         |  |  |  |
|      | No hazardous reactions a     | re occur under recommended s      | storage and handling conditions.                            |                         |  |  |  |
| 10.4 | Conditions to avoid          |                                   |   |                         |  |  |  |
|      | Protect from direct sunlig   | ght and high temperatures. Kee    | p away from sources of ignition                             | and open flames.        |  |  |  |
| 10.5 | Incompatible materials       |                                   |   |                         |  |  |  |
|      | Information is not available |                                   |   |                         |  |  |  |
| 10.6 | Hazardous decompositi        |                                   |   |                         |  |  |  |
|      | In case of fire, carbon ox   | ides, nitrogen oxides and other   | hazardous gases may be forme                                | d.                      |  |  |  |
| SEC  | TION 11: Toxicological       | information                       |   |                         |  |  |  |
| 11.1 |                              | classes as defined in Regulat     | ion (EC) No 1272/2008                                       |                         |  |  |  |
|      | a) Acute toxicity            |                                   |   |                         |  |  |  |
|      |                              | data, the classification criteria | are not met.  |                         |  |  |  |
|      | Isopropyl-alkohol: LD50      | oral, potkan = 4800 mg/kg         |   |                         |  |  |  |
| 1    |                              |                                   |   |                         |  |  |  |

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|   | noxyethan-1-ol:  |  |                 |               |                            | Y   |  |
|---|--|--|-----------------|---------------|----------------------------|---|--|
| OF                                      | ECD 401, key study   |  | 1840 mg/kg      |               |                            |   |  |
|   |  |  | 4070 mg/kg      |               | oral                       | rat                                       |  |
|   |  |  | 2740 mg/kg      |               |                            |   |  |
|   | ECD 401, key study   | LD50   | 1850 mg/kg      |               | oral                       | rat                                       |  |
| ev                                      | idence study   | LD50   | 14391 mg/kg     | r             | dermal                     | rat                                       |  |
| ev                                      | idence study   | LD50   | >2214 mg/kg     | 5             | dermal                     | rabbit                                    |  |
| Ke                                      | ey study   | LD50   | >1000 mg/m      | 3             | inhal                      | rat                                       |  |
| oral<br>intra<br>intra<br>oral<br>intra | bitan monooleate, ethoxy<br>, LD50, 34500 ul/kg, rat<br>aperitoneally, LD50, 680<br>avenously, LD50, 1790 n<br>, LD50, 25000 mg/kg, m<br>aperitoneally, LD50, 760<br>avenously, LD50, 4500 n | 4 mg/kg, 1<br>ng/kg, rat<br>ouse<br>0 mg/kg, 1 | nouse           |               |                            |   |  |
| Alco                                    | ohols C12-14, ethoxylate   | ed (>2-5E0                                     | D):             |               |                            |   |  |
| ora                                     |  |  | 1100-2000 n     | ng/kg         | rat                        |   |  |
|   |  |  |                 |               |                            |   |  |
|   | imonium chloride:  |  |                 |               | 1                          |   |  |
| OF                                      | ECD 401, key study   |  | 410 mg/kg bw    |               | oral: gavage,              | rat                                       |  |
|   |  |  | 970 mg/kg bw    |               |                            |   |  |
|   |  | ca. 1  | 550 mg/kg bw    | , LD50        |                            |   |  |
| b)                                      | Skin corrosion/irritat   | ion  |                 |               |                            |   |  |
|   | Based on available data  | ,  |                 |               |                            |   |  |
|   | Cetrimonium chloride:  |  | 4, Key Study    | - Corrosive   | 1C, Rabbit                 |   |  |
| c)                                      | Serious eye damage/ir  |  |                 |               |                            |   |  |
|   | Causes serious eye irrit   | ation.   |                 |               |                            |   |  |
|   | 2-Phenoxyethan-1-ol: (   | DECD 405                                       | , Key Study -   | Irritant      |                            |   |  |
|   | Cetrimonium chloride:  | OECD 40  | 5, evidence st  | udy - irritar | ıt, rabbit                 |   |  |
| d)                                      | Respiratory or skin se   |  |                 |               |                            |   |  |
|   | Based on available data  |  |                 | ria are not n | net.                       |   |  |
| e)                                      | Germ cell mutagenicit  |  |                 |               |                            |   |  |
| -                                       | Based on available data  |  | ification crite | ria are not n | net.                       |   |  |
|   | Cetrimonium chloride:  |  |                 |               |                            |   |  |
|   | OECD 471, klíčová st   | tudie  | negativní       | In vitro      | S. typhimuri<br>TA 100 and | um TA 1535, TA 1537, TA 98<br>E. coli WP2 |  |
| f)                                      | Carcinogenicity  |  | •               | •             | •                          |   |  |
| ,                                       |  | a, the class                                   | ification crite | ria are not n | net.                       |   |  |
|   | Based on available data, the classification criteria are not met.<br>Sorbitan monooleate, ethoxylated: TLD0, oral, 2163 g/kg /2Y-C, rat, Suspected tumor formation - RTECS                   |  |                 |               |                            |   |  |
|   | criteria, cortical tumor   |  |                 |               |                            |   |  |
| ~)                                      | Reproductive toxicity  | .,   | ,               | 0 0           | ,, - <b>FF</b> 5 <b>W</b>  |   |  |
| 2)                                      | Based on available data  | a. the class                                   | ification crite | ria are not n | net.                       |   |  |
| g)                                      |  |  |                 |               |                            |   |  |

|      | Page 8 / 11  |   | Room Spray 2-in-1   | Version: 1     |             |
|------|--|---|---|----------------|-------------|
|      | ~  |   |   |                |             |
|      | OECD 416, F  |   | ca. 250 ppm, NOAEL<br>ca. 1 000 ppm, NOEL<br>ca. 250 ppm, NOAEL<br>ca. 1 000 ppm, NOEL<br>ca. 250 ppm, NOAEL<br>ca. 1 000 ppm, NOAEL<br>ca. 1 000 ppm, NOAEL  | Oral, rat      |             |
|      | 2-fenoxyethan  | -1-01   |   |                |             |
|      | Key study  | ca. 37<br>ca, 37<br>> 370<br>ca, 37<br>ca, 18<br>ca, 18<br>ca, 18<br>ca, 18<br>ca, 18<br>ca, 18<br>ca, 18<br>ca, 18 | 5 mg/kg bw/day [NOAEL]<br>00 mg/kg bw/day [LOAEL]<br>0 mg/kg bw/day [LOAEL]<br>00 mg/kg bw/day [LOAEL]<br>75 mg/kg bw/day [LOAEL]<br>75 mg/kg bw/day [NOAEL]<br>00 mg/kg bw/day [NOAEL]<br>75 mg/kg bw/day [NOAEL]<br>75 mg/kg bw/day [NOAEL]<br>75 mg/kg bw/day [LOAEL]<br>75 mg/kg bw/day [LOAEL]<br>5 mg/kg bw/day [NOAEL] |                | Oral, mouse |
|      | i) STOT-repeat   | lable data, th<br>ed exposure<br>able data, th<br>de:   | ne classification criteria are not me<br>e classification criteria are not me<br>ca. 113 mg/kg bw/day, NOAEL  | t. Oral, rat   |             |
|      | OECD 410, evider   | nce study   | 10 mg/kg bw/day, NOAEL  | Dermal, r      | abbit       |
|      | 2-fenoxyethan-1-ol:<br>Key study   | 48,2 mg/m   | 3 air [NOAEC]<br>air [LOAEC]  | Inhal, rat     |             |
|      | Key study  |   | bw/day [NOAEL]<br>g bw/day [LOAEL]  | Dermal, rabbit |             |
| 11.2 | <ul> <li>j) Aspiration ha<br/>Based on avail</li> <li>Information on oth</li> <li>Information is not a</li> </ul>  | azard<br>able data, th<br>ner hazards   | e classification criteria are not me  | t.             |             |
| SEC  | TION 12: Ecologi   |   | ation   |                |             |
| 12.1 | Toxicity<br>Harmful to aquatic I<br>Isopropyl-alkohol:<br>fish: 96 h LC50 (Mi<br>daphnia: 48 h EC50<br>Alcohols C12-14, et<br>EC50 0,5 mg/l/72h,<br>EC50 0,5 mg/l/48h,<br>EC50 2,6 mg/l/96h, | innow) = 10<br>(Dapnia ma<br>thoxylated (2<br>algae<br>crustaceans  | 400 mg/l<br>lagna) = 5000 - 10000 mg/l<br>>2-5EO):  |                |             |

by regulation (EC) No 1907/2006 REACH Room Spray 2-in-1

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| 1 1 - 4   | trimonium oblogidar  |  |  |          |
|---|--|--|--|----------|
|   | trimonium chloride:  |  |  | 0500 000 |
| A   | Acute toxicity to fish   | Danio rerio (previous  | ca. 0.5 mg/L, LC0 / 96 h ca.                           | OECD 203 |
|   |  | name: Brachydanio rerio  |  |          |
|   |  |  | ca. 1 mg/L, LC100 / 96 h                               |          |
| A   | Acute toxicity to invertebrates  | Daphnia magna  | 550 µg/L, EC50 / 24 h 280                              | OECD 202 |
|   |  |  | $\mu$ g/L, EC50 / 48 h < 236 $\mu$ g/L,                |          |
|   |  |  | NOEC / 48 h  |          |
| A   | Acute toxicity to algae  | Pseudokirchneriella  | ca. 0.094 mg/L, EC10 / 72 h ca.                        | OECD 201 |
|   | , ,  | subcapitata (previous  | 0.155 mg/L, EC50 / 72 h ca.                            |          |
|   |  | names: Raphidocelis  | 0.115 mg/L, EC50 / 72 h ca.                            |          |
|   |  | subcapitata, Selenastrum   | 0.08  mg/L, NOEC / 72 h ca.                            |          |
|   |  | capricornutum)   | 0.205 mg/L, LOEC / 72 h                                |          |
|   |  | capitcornatum)   | 0.203 mg/L, LOEC / 72 m                                |          |
|   | rbitan monooleate, ethoxylated:  |  |  | 7        |
|   | Acute toxicity to fish:  | ryby   | LC50: > 750 mg/l/96 h                                  |          |
| A   | Acute toxicity to algae:   | bakterie   | EC50: < 100 mg/l/72 h                                  |          |
| <b>2</b> f  | fon our other 1 of   |  |  |          |
|   | fenoxyethan-1-ol:<br>Acute toxicity to fish:   | Pimephales promelas  | 344 mg/L [LC50] / 96 h                                 |          |
|   | Acute toxicity to invertebrates:   | Daphnia magna  | > 500  mg/L [EC50] / 48  h                             | OECD 202 |
|   |  | - al-una malua   | > 500  mg/L [EC0] / 48  h                              |          |
| ٨   | Acute toxicity to algae:   | Desmodesmus  | > 500  mg/L [EC0] / 48 m                               |          |
|   | ione toxicity to algae.  | subspicatus (previous  | > 500  mg/L [EC20] / 72 h<br>> 500 mg/L [EC50] / 72 h  |          |
|   |  | name: Scenedesmus  | > 500  mg/L [EC50] / 72  h<br>> 500 mg/L [EC90] / 72 h |          |
|   |  |  |  |          |
|   |  | subspicatus)   | > 500 mg/L [NOEC] / 72 h                               |          |
|   |  |  |  |          |
| 2 Per   | rsistence and degradability  |  |  |          |
|   | rsistence and degradability<br>formation for the mixture is not  | available.   |  |          |
| Inf   | formation for the mixture is not   |  | le. DOC 170 mg/g, COD 650 mg/g                         |          |
| Infe<br>Cet   | formation for the mixture is not a strimonium chloride: 75% (28 da   | ays), 95% readily degradab   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Infe<br>Cet<br>Alc  | formation for the mixture is not<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2:   | ays), 95% readily degradab   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>3 Bio   | formation for the mixture is not<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential  | ays), 95% readily degradab<br>-5EO): >60% in 28 days   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>3 Bio<br>Info   | formation for the mixture is not<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>3 Bio<br>Info<br>Cet  | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>3 Bio<br>Info<br>Cet<br>4 Mo  | formation for the mixture is not a<br>strimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>strimonium chloride: log Pow <<br>obility in soil   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>3 Bio<br>Info<br>Cet<br>4 Mo<br>Info  | formation for the mixture is not a<br>petrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2:<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4  | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>3 Bio<br>Info<br>Cet<br>4 Mo<br>Info<br>5 Res   | formation for the mixture is not a<br>betrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assessing   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b>   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>3 Bio<br>Info<br>Cet<br>4 Mo<br>Info<br>5 Res<br>The  | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.   | le, DOC 170 mg/g, COD 650 mg/g                         |          |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>The<br>6 En  | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assessing<br>the mixture is not assessed as PBT<br>adocrine disrupting properties  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.   |  |          |
| Infa<br>Cet<br>Alc<br>3 Bio<br>Infa<br>Cet<br>4 Mo<br>Infa<br>5 Res<br>The<br>6 Ena   | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assessing<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.   |  |          |
| Infa<br>Cet<br>Alc<br>Infa<br>Cet<br>Mo<br>Infa<br>5 Res<br>Tha<br>6 Ena<br>Tha<br>7 Otl  | formation for the mixture is not a<br>tetrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.   |  |          |
| Infa<br>Cet<br>Alc<br>Infa<br>Cet<br>Mo<br>Infa<br>5 Res<br>Tha<br>6 Ena<br>Tha<br>7 Otl  | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assessing<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.   |  |          |
| Info<br>Cet<br>Alc<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>The<br>6 Eno<br>Tho<br>7 Oth<br>Info  | formation for the mixture is not a<br>tetrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.   |  |          |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>The<br>6 Eno<br>The<br>7 Otl<br>Info<br>CTIC   | formation for the mixture is not a<br>trimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com<br>ther adverse effects<br>formation is not available<br>ON 13: Disposal considerati<br>7aste treatment methods  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br>ment<br>Γ or vPvB.<br>ponents that cause disruption   | on of the endocrine system.                            |          |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>The<br>6 Eno<br>The<br>7 Otl<br>Info<br>CTIC   | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com<br>ther adverse effects<br>formation is not available<br>DN 13: Disposal considerati<br>vaste treatment methods<br>Suitable methods for removin   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons   | on of the endocrine system.                            |          |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>Tho<br>6 Eno<br>Tho<br>7 Ottl<br>Info<br>CTIC  | formation for the mixture is not a<br>trimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com<br>ther adverse effects<br>formation is not available<br>ON 13: Disposal considerati<br>7aste treatment methods  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons   | on of the endocrine system.                            |          |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>Tho<br>6 Eno<br>Tho<br>7 Ottl<br>Info<br>CTIC  | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br>ON 13: Disposal considerati<br>vaste treatment methods<br>Suitable methods for removin<br>Disponse of the waste accord  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>F or vPvB.<br>ponents that cause disruption<br>ons<br>ng the mixture and contami<br>ling to local/official regulat   | on of the endocrine system.                            |          |
| Infe<br>Cet<br>Alc<br>Bio<br>Infe<br>Cet<br>Mo<br>Infe<br>The<br>6 Ene<br>The<br>6 Ene<br>The<br>6 Ene<br>The<br>7 Otl<br>Infe<br>Unfe<br>Ene<br>The<br>6 Ene<br>The<br>6 Ene<br>The<br>7 Otl<br>Infe<br>Cet<br>4 Mo  | formation for the mixture is not a<br>strimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>strimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br>DN 13: Disposal considerati<br>faste treatment methods<br>Suitable methods for removin<br>Disponse of the waste accord  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>F or vPvB.<br>ponents that cause disruption<br>ons<br>ng the mixture and contami<br>ling to local/official regulat   | on of the endocrine system.                            |          |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>The<br>6 Eno<br>The<br>7 Ott<br>Info<br>CTIC   | formation for the mixture is not a<br>trimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>atrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>Esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br>DN 13: Disposal considerati<br>vaste treatment methods<br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemica<br>information is not available   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>F or vPvB.<br>ponents that cause disruption<br>ons<br>ng the mixture and contami<br>ling to local/official regulat   | on of the endocrine system.                            |          |
| Infe<br>Cet<br>Alc<br>Bio<br>Infe<br>Cet<br>Mo<br>Infe<br>The<br>6 Ene<br>The<br>6 Ene<br>The<br>6 Ene<br>The<br>7 Otl<br>Infe<br>Unfe<br>Ene<br>The<br>6 Ene<br>The<br>6 Ene<br>The<br>7 Otl<br>Infe<br>Cet<br>4 Mo  | formation for the mixture is not a<br>trimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>strimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com<br>ther adverse effects<br>formation is not available<br>DN 13: Disposal considerati<br>7aste treatment methods<br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemica<br>information is not available<br>Discourage sewage disposal  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>F or vPvB.<br>ponents that cause disruption<br>ons<br>ng the mixture and contami<br>ling to local/official regulat   | on of the endocrine system.                            |          |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>S Res<br>The<br>S Res<br>The<br>S Res<br>The<br>S CTIC<br>I Wi<br>a)<br>b)<br>c)  | formation for the mixture is not a<br>trimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>atrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PB7<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br>ON 13: Disposal considerati<br>/aste treatment methods<br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemica<br>information is not available<br>Discourage sewage disposal<br>information is not available   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons<br>ag the mixture and contami<br>ling to local/official regulat<br>l properties that may affect                                       | on of the endocrine system.                            | tion     |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>The<br>6 Eno<br>The<br>7 Ott<br>Info<br>CTIC   | formation for the mixture is not a<br>etrimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>etrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PB<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br><b>DN 13: Disposal considerati</b><br><i>Vaste treatment methods</i><br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemicaa<br>information is not available<br>Discourage sewage disposal<br>information is not available<br>Iidentify, where appropriate,   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons<br>ag the mixture and contami<br>ling to local/official regulat<br>l properties that may affect                                       | on of the endocrine system.                            | otion    |
| Info<br>Cet<br>Alc<br>Bio<br>Info<br>Cet<br>Mo<br>Info<br>5 Res<br>The<br>6 Eno<br>The<br>7 Ott<br>Info<br>CTIC<br>1 W3<br>a)<br>b)<br>c)<br>d)   | formation for the mixture is not a<br>trimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>atrimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>sults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com<br>ther adverse effects<br>formation is not available<br>DN 13: Disposal considerati<br>vaste treatment methods<br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemica<br>information is not available<br>Discourage sewage disposal<br>information is not available<br>Iidentify, where appropriate,<br>information is not available  | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons<br>ang the mixture and contami<br>ling to local/official regulat<br>any special precautions for                                       | on of the endocrine system.                            | otion    |
| Infe<br>Cet<br>Alc<br>Bio<br>Infe<br>Cet<br>Mo<br>Infe<br>S Res<br>The<br>6 Ene<br>The<br>6 Ene<br>The<br>7 Otl<br>Infe<br>CTIC   | formation for the mixture is not a<br>strimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>strimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br><b>DN 13: Disposal considerati</b><br><b>Zaste treatment methods</b><br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemicaa<br>information is not available<br>Discourage sewage disposal<br>information is not available<br>Gon 14: Transport informat   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons<br>ng the mixture and contami<br>ling to local/official regulat<br>l properties that may affect<br>any special precautions for<br>ion | on of the endocrine system.                            | otion    |
| Info         Cet         Alc         Bio         Info         Cet         Info         The         Free         The         CTIC         Info         Info         CTIC         Info         Info | formation for the mixture is not a<br>strimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>strimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br><b>DN 13: Disposal considerati</b><br><i>Vaste treatment methods</i><br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemica<br>information is not available<br>Discourage sewage disposal<br>information is not available<br><b>Discourage sewage disposal</b><br>information is not available | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons<br>ng the mixture and contami<br>ling to local/official regulat<br>l properties that may affect<br>any special precautions for<br>ion | on of the endocrine system.                            | ption    |
| Info         Cet         Alc         Bio         Info         Cet         Info         F         Res         The         F         Res         The         Oth         The         Oth         The         Oth         D)         C         Oth         D)         C)         d)         CTIC         The         Info         CTIC         Info         D         Info   | formation for the mixture is not a<br>strimonium chloride: 75% (28 da<br>cohols C12-14, ethoxylated (>2-<br>oaccumulative potential<br>formation for the mixture is not<br>strimonium chloride: log Pow <<br>obility in soil<br>formation is not available.<br>esults of PBT and vPvB assess<br>the mixture is not assessed as PBT<br>adocrine disrupting properties<br>the mixture does not contain com-<br>ther adverse effects<br>formation is not available<br><b>DN 13: Disposal considerati</b><br><b>Zaste treatment methods</b><br>Suitable methods for removin<br>Disponse of the waste accord<br>Specify the physical/chemicaa<br>information is not available<br>Discourage sewage disposal<br>information is not available<br>Gon 14: Transport informat   | ays), 95% readily degradab<br>-5EO): >60% in 28 days<br>available.<br>4<br><b>nent</b><br>Γ or vPvB.<br>ponents that cause disruption<br>ons<br>ng the mixture and contami<br>ling to local/official regulat<br>l properties that may affect<br>any special precautions for<br>ion | on of the endocrine system.                            | otion    |

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|      | Rail | way transportation RIL              |                                 |                                |                                |
|------|------|-------------------------------------|---------------------------------|--------------------------------|--------------------------------|
|      |      | al transport IMDG:                  |                                 |                                |                                |
|      | Air  | transport ICAO/IATA:                |                                 |                                |                                |
| 14.3 | Tra  | nsport hazard class                 | (es)                            |                                |                                |
|      |      | ADR                                 | RID                             | IMDG:                          | ICAO/IATA:                     |
|      |      | -                                   | -                               | -                              | -                              |
| 14.4 | Pac  | king group                          |                                 |                                |                                |
|      |      | ADR                                 | RID                             | IMDG:                          | ICAO/IATA:                     |
|      |      | -                                   | -                               | -                              | -                              |
| 14.5 | Env  | vironmental hazards                 |                                 |                                |                                |
|      | Mix  | ture is not hazardous               | to the environment during tran  | sport.                         |                                |
| 14.6 | Spe  | cial precautions for                | user                            |                                |                                |
|      | Info | ormation is not availa              | ole.                            |                                |                                |
| 14.7 | Ma   | ritime transport in l               | oulk according to IMO instru    | ments                          |                                |
|      | Not  | applicable.                         |                                 |                                |                                |
| SEC  | ГЮ   | N 15: Regulatory i                  | nformation                      |                                |                                |
|      |      | e •                                 |                                 |                                |                                |
| 15.1 |      |                                     | onmental regulations/legislat   | ion specific for the substance | e or mixture                   |
|      |      | ulation (EC) No 127                 |                                 |                                |                                |
|      |      | ulation (EC) No 190                 |                                 |                                |                                |
|      |      | ulation (EU) 878/202                |                                 |                                |                                |
| 15.2 |      |                                     | he waste and chemical mixture   | 8                              |                                |
| 15.2 |      | emical safety assessm<br>available. | lent                            |                                |                                |
|      |      |                                     |                                 |                                |                                |
| SEC. | ΓΙΟ  | N 16: Other inform                  | nation                          |                                |                                |
|      | a)   | 29.7.2022: issuing a                | safety data sheet according to  | Regulation (EC) 1907/2006 R    | EACH and according to          |
|      |      | Regulation (EC) No                  | . 1272/2008 CLP                 | -                              | _                              |
|      | b)   | List of abbreviations               | 5                               |                                |                                |
|      |      | DNEL                                | Derived No Effect Level         |                                |                                |
|      |      | PNEC                                | Predicted No Effect Concentra   | ation                          |                                |
|      |      | CLP                                 | Regulation (EC) No 1272/200     | 08                             |                                |
|      |      | REACH                               | Regulation (EC) No 1907/200     |                                |                                |
|      |      | IMDG                                | International Code of Danger    |                                |                                |
|      |      | IATA                                | International Air Transport As  |                                |                                |
|      |      | ICAO                                | International Civil Aviation O  |                                |                                |
|      |      |                                     | European Agreement concern      |                                | f dan annua an a da har na a d |
|      |      | ADR                                 | 1 <u>v</u>                      | <u> </u>                       | <u> </u>                       |
|      |      | RID                                 | Regulation on the internationa  |                                | <i>v</i>                       |
|      |      | Einecs                              |                                 | ng Commercial Chemical Subs    | tances                         |
|      |      | CAS                                 | Chemical Abstracts Service      |                                |                                |
|      |      | PBT                                 | persistent, bioaccumulative an  |                                |                                |
|      |      | vPvB                                | very persistent a very bioaccu  | mulation substance             |                                |
|      |      | SDS                                 | Safety data sheet               |                                |                                |
|      |      | Acute Tox. 4                        | Acute toxicity, category 4      |                                |                                |
|      |      | Flam. Liq. 2, 3                     | Flammable liquid, category 2,   | 3                              |                                |
|      |      | STOT RE 2                           | Specific target organ toxicity  | - repeated exposure, category  | y 2                            |
|      |      | STOT SE 3                           | Specific target organ toxicity  | — single exposure, category 3  |                                |
|      |      | STOT SE 3                           | Specific target organ toxicity  |                                |                                |
|      |      | Skin Corr. 1                        | Skin corrosion/irritation, Haza |                                |                                |
|      |      | Skin Irrit. 2                       | Skin irritation, category 2     |                                |                                |
|      |      | Skin Sens. 1                        | Skin sensitization, category 1  |                                |                                |
|      |      | Eye Dam. 1                          | Serious eye damage/eye irritat  | tion category 1                |                                |
|      |      |                                     |                                 | * *                            |                                |
|      |      | Eye Irrit. 2                        | Serious eye damage/eye irritat  | * *                            |                                |
|      |      | Aquatic Acute 1                     | Hazardous to the aquatic envi   |                                |                                |
|      |      | Aquatic Chronic 1                   | Hazardous to the aquatic envi   |                                |                                |
|      |      | Aquatic Chronic 2                   | Hazardous to the aquatic envir  | ronment – chronic, cat. 2      |                                |

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|    | Aquatic Chronic 3 Hazardous to the aquatic environment – chronic, cat. 3                                       |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|
| c) | Sources of information   |  |  |  |  |  |  |
|    | State legislation, documentation from the manufacturer   |  |  |  |  |  |  |
| d) | List of hazard statements  |  |  |  |  |  |  |
|    | H302 Harmful if swallowed.   |  |  |  |  |  |  |
|    | H335 May cause respiratory irritation.   |  |  |  |  |  |  |
|    | H336 May cause drowsiness or dizziness.  |  |  |  |  |  |  |
|    | H225 Highly flammable liquid and vapour.   |  |  |  |  |  |  |
|    | H226 Flammable liquid and vapour.  |  |  |  |  |  |  |
|    | H373 May cause damage to organs through prolonged or repeated exposure   |  |  |  |  |  |  |
|    | H314 Causes severe skin burns and eye damage.  |  |  |  |  |  |  |
|    | H315 Causes skin irritation.   |  |  |  |  |  |  |
|    | H317 May cause an allergic skin reaction.  |  |  |  |  |  |  |
|    | H318 Causes serious eye damage.  |  |  |  |  |  |  |
|    | H319 Causes serious eye irritation.  |  |  |  |  |  |  |
|    | H400 Very toxic to aquatic life.   |  |  |  |  |  |  |
|    | H410 Very toxic to aquatic life with long lasting effects.   |  |  |  |  |  |  |
|    | H411 Toxic to aquatic life with long lasting effects.  |  |  |  |  |  |  |
|    | H412 Harmful to aquatic life with long lasting effects.  |  |  |  |  |  |  |
| e) | Instructions for training  |  |  |  |  |  |  |
|    | Training of work safety for handling with chemicals.   |  |  |  |  |  |  |
|    | Other information  |  |  |  |  |  |  |
| f) | The classification was carried out by the calculation method in accordance with Regulation (EC) No.            |  |  |  |  |  |  |
|    | 1272/2008 CLP.   |  |  |  |  |  |  |
|    | The information in this safety data sheet correspond to the best knowledge of the product at the time of       |  |  |  |  |  |  |
|    | publication. This information is used for safer handling, storage, transportation and disposal of the product. |  |  |  |  |  |  |
|    | This information does not guarantee the quality of the product. This information applies only to this material |  |  |  |  |  |  |
|    | and is not valid if the product is used in combination with other materials or in a way which is not listed in |  |  |  |  |  |  |
|    | this SDS.  |  |  |  |  |  |  |